

P a t e n t C l a i m s :

1. An actuator, preferably for furniture and comprising
5 a helical spring as (20) having a plurality of windings
around a cylindrical element (10) of plastics rotatable
at least during reversed movement, said spring being
tightened around the cylindrical element during reversed
movement, c h a r a c t e r i z e d in that the
10 cylindrical element consisting of plastics has an insert
(12) of metal for carrying off the frictional heat
generated during the reversed movement.
2. An actuator according to claim 1, c h a r a c t e r -
15 i z e d in that the insert (12) is connected with cool-
ing faces of metal, preferably other actuator parts con-
sisting of metal.
3. An actuator according to claim 2, comprising a worm
20 wheel (9) and a spindle (2), wherein the connection be-
tween these is formed by a spline, c h a r a c t e r -
i z e d in that the spline of the worm wheel is formed
in the insert (12) so that there is direct contact be-
tween insert (12) and spindle (2).
- 25 4. An actuator according to claim 1, 2 or 3, c h a r -
a c t e r i z e d in that it comprises an element (18)
in intimate contact with the outer side of the spring
(20) for carrying off the heat, said element being made
30 of a more heat-conducting material than the spring.
5. An actuator according to claim 4, c h a r a c t e r -
i z e d in that the element (18) essentially covers the
entire outer side of the spring.

6. An actuator according to claim 5, c h a r a c t e r -
i z e d in that the element (18) is connected with cool-
ing faces, preferably other actuator parts consisting of
5 metal.